Prasad Dinnapurkar

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Summary

Full Stack Developer with experience building scalable web applications using **React.js**, **Next.js**, **Node.js**, and **MongoDB**. Skilled in **GenAI/LLM integration**, **RESTful APIs**, and **microservices architecture**. Proven ability to deliver production-ready solutions in fast-paced environments, with strong understanding of end-to-end development, performance optimization, and cloud deployment.

Technical Skills

Languages: JavaScript, TypeScript, Python, Java
Frontend: React.js, Next.js, Tailwind CSS, ShadCN UI, Redux, React Query
Backend: Node.js, Express.js, Django, REST APIs, WebSocket, JWT Authentication
Databases: MongoDB, PostgreSQL, MySQL, Redis
AI / GenAI: LLM APIs, LangChain, RAG, Prompt Engineering
DevOps & Tools: Git, GitHub, Docker, AWS, CI/CD, Vercel, Postman, Linux

Professional Experience

Software Developer June 2025 – Present
Storyloom Solutions Pvt. Ltd. (Storyvord.io) – AI Media-Tech Startup *Remote*

- Developed production-grade UI components using **React.js** and **Next.js**, converting **Figma** designs into pixel-perfect, reusable modules with **Tailwind CSS** and **ShadCN UI** for an AI-driven platform.
- Built and optimized **RESTful APIs** using **Node.js** and **Express.js** for AI-powered script analysis, character extraction, and image generation.
- Engineered end-to-end **GenAI workflows** using **prompt engineering** and **LLM APIs** to generate scenes, shots, and storyboard assets from scripts.
- Optimized data fetching using **React Query**, reducing API latency and improving performance with caching and efficient state management.
- Designed scalable backend architecture and implemented **CI/CD pipelines**, improving development speed and deployment efficiency.

Projects

InterviewPrep – AI Voice Interview Platform
Next.js, Tailwind CSS, ShadCN UI, Firebase, Vapi, Google Gemini API, Vercel

- Architected a **full-stack AI voice interview platform** using **Next.js** and **Node.js** with real-time speech interaction powered by **Vapi AI voice agent**.
- Implemented a **RAG pipeline** using **LangChain** to generate context-aware, role-specific interview questions and responses.
- Designed **prompt engineering workflows** using **Google Gemini LLM API** to generate structured feedback, scoring, and improvement insights from voice transcripts.
- Integrated **Firebase Authentication** and **Firestore** for secure user sessions, real-time data sync, and scalable backend.
- Deployed on **Vercel** with **SSR optimization**. Live: interview-prep-delta-bice.vercel.app

Social Media Backend – Scalable Microservices Architecture
Node.js, Express.js, Docker, Docker Compose, Redis, RabbitMQ, MongoDB

- Architected and developed **independent microservices** using **Node.js** and **Express.js** with **RESTful API** design patterns and service isolation.
- Containerized all services with **Docker** and orchestrated via **Docker Compose**; implemented asynchronous inter-service messaging using **RabbitMQ**.
- Integrated **Redis** for caching and session management, improving response times; applied **JWT-based authentication** and security best practices.

Education

Marathwada Institute of Technology Chh. Sambhajinagar, India
Bachelor of Technology – Computer Science and Engineering (CGPA: 7.14/10) *Graduated: June 2025*

- Coursework: Data Structures & Algorithms, Database Management Systems, Web Development, Software Engineering, Operating Systems